

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER



FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

| | | |
|---|--|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-02278-A |
| b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP | | 7. If Unit or CA Agreement, Name and No. UNIT #891008900A |
| 3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | 3b. Phone No. (include area code) (435) 781-7024 | 8. Lease Name and Well No. NBU 1021-22A |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/NE 668'FNL, 469'FEL 625662X 39.938950 At proposed prod. Zone 44218674 -109.529232 | | 9. API Well No. 43047-39550 |
| 10. Field and Pool, or Exploratory NATURAL BUTTES | | 11. Sec., T., R., M., or Blk. and Survey or Area SEC. 22, T10S, R21E |
| 12. Distance in miles and direction from nearest town or post office* 17.2 +/- MILES SOUTH OF OURAY, UTAH | | 12. County or Parish UINTAH |
| 13. State UTAH | | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 469' | 16. No. of Acres in lease 1040.00 | 17. Spacing Unit dedicated to this well 40.00 |
| 18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | 19. Proposed Depth 9360' | 20. BLM/BIA Bond No. on file BOND NO: WYB000291 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5223'GL | 22. Approximate date work will start* | 23. Estimated duration |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

| | | |
|---|--|--------------------------|
| 25. Signature  | Name (Printed/Typed) SHEILA UPCHEGO | Date 8/15/2007 |
| Title SENIOR LAND ADMIN SPECIALIST | | |
| Approved by Signature  | Name (Printed/Typed) BRADLEY G. HILL | Date 08-29-07 |
| Title ENVIRONMENTAL MANAGER | | |

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

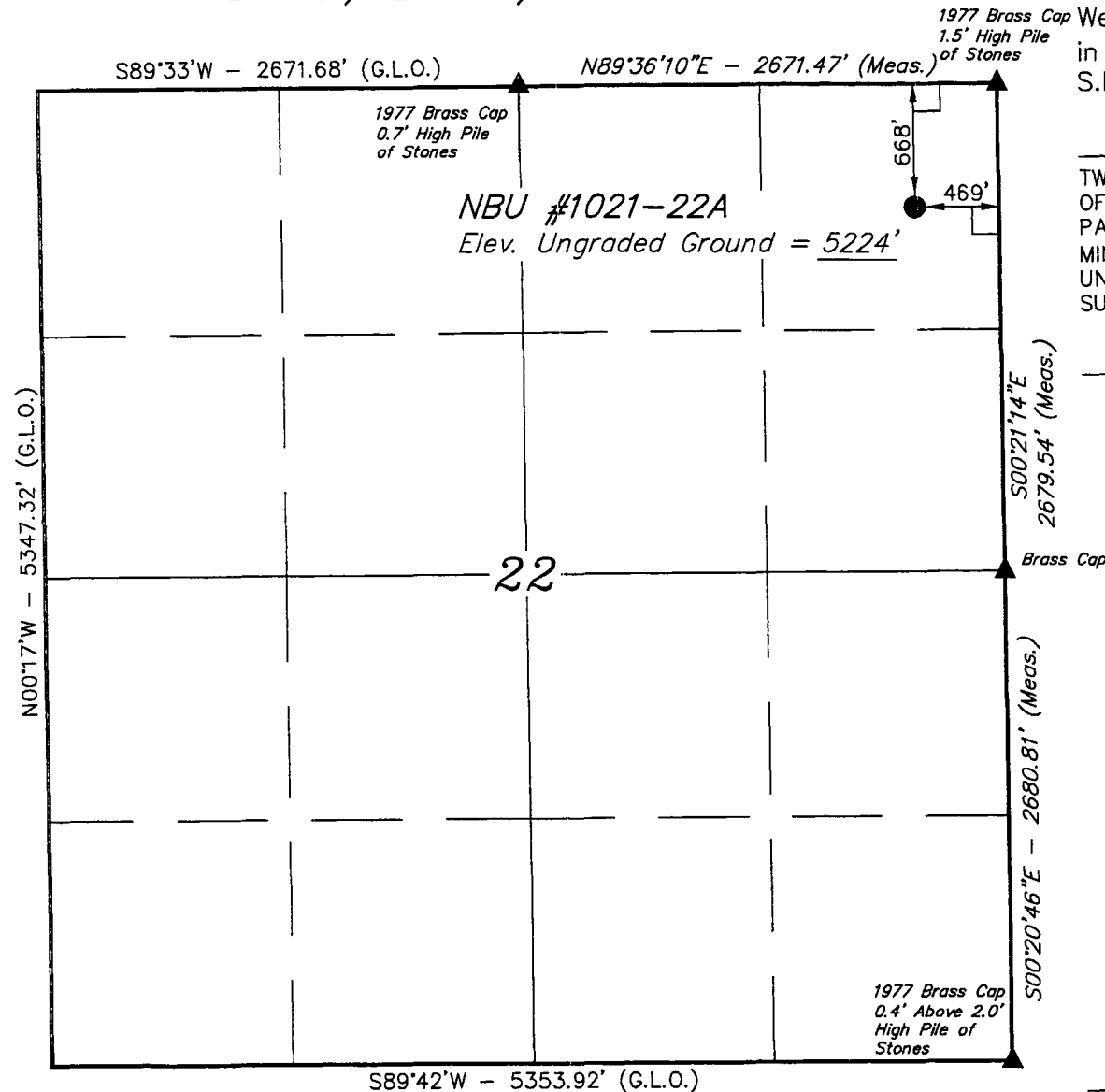
Federal Approval of this
Action is Necessary

RECEIVED
AUG 20 2007

DIV. OF OIL, GAS & MINING

T10S, R21E, S.L.B.&M.

Kerr McGee Oil & Gas Onshore LP



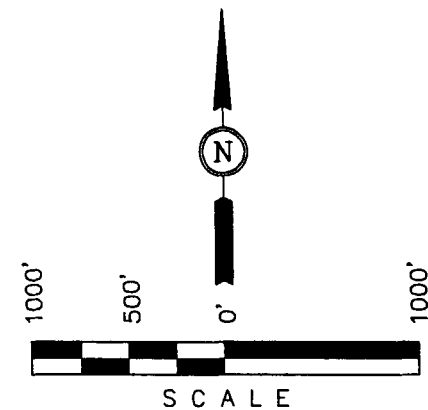
Well location, NBU #1021-22A, located as shown in the NE 1/4 NE 1/4 of Section 22, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

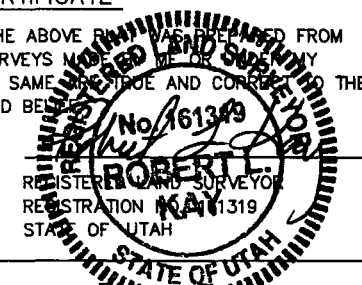
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE UNDER MY PERSONAL SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°56'20.21" (39.938947)
 LONGITUDE = 109°31'47.88" (109.529967)
 (NAD 27)
 LATITUDE = 39°56'20.33" (39.938981)
 LONGITUDE = 109°31'45.41" (109.529281)

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

| | | |
|-------------------------|---|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 10-18-06 | DATE DRAWN: 10-26-06 |
| PARTY D.K. T.H. C.H. | REFERENCES G.L.O. PLAT | |
| WEATHER COOL | FILE Kerr McGee Oil & Gas Onshore LP | |

**NBU #1021-22A
NE/NE SEC 22, T10S, R21E
UINTAH COUNTY, UTAH
UTU-02278-A**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

| <u>Formation</u> | <u>Depth</u> |
|-------------------------|--------------|
| Uinta | 0- Surface |
| Green River | 1162' |
| Top of Birds Nest Water | 1376' |
| Mahogany | 2003' |
| Wasatch | 4366' |
| Mesaverde | 7199' |
| MVU2 | 8180' |
| MVL1 | 8715' |
| TD | 9360' |

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|-------------------------|--------------|
| | Green River | 1162' |
| | Top of Birds Nest Water | 1376' |
| | Mahogany | 2003' |
| Gas | Wasatch | 4366' |
| Gas | Mesaverde | 7199' |
| Gas | MVU2 | 8180' |
| Gas | MVL1 | 8715' |
| Water | N/A | |
| Other Minerals | N/A | |

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9360' TD, approximately equals 5803 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3744 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE August 15, 2007
WELL NAME NBU 1021-22A TD 9,360' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,224' GL KB 5,239'
SURFACE LOCATION NE/NE SEC. 22, T10S, R22E 668'FNL, 469'FEL BHL Straight Hole
Latitude: 39.938947 Longitude: 109.529967
OBJECTIVE ZONE(S) Wasatch/Mesaverde
ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.

| GEOLOGICAL | | | MECHANICAL | | |
|--|---------------------------|--------|------------|--|---------------------------------------|
| LOGS | FORMATION | DEPTH | HOLE SIZE | CASING SIZE | MUD WEIGHT |
| | | 40' | | 14" | |
| | | | 12-1/4" | 9-5/8", 32.3#, H-40, STC | Air mist |
| Catch water sample, if possible, from 0 to 4,366' | | | | | |
| | Green River @ | 1,162' | | | |
| | Top of Birds Nest Water @ | 1376' | | | |
| | Preset f/ GL @ | | | | |
| | 2,000' MD | | | | |
| Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone. | | | | | |
| | Mahogany @ | 2,003' | | | |
| Mud logging program TBD | | | | | |
| Open hole logging program f/ TD - surf csg | | | | | |
| | Wasatch @ | 4,366' | | | |
| | Mverde @ | 7,199' | | | |
| | MVU2 @ | 8,180' | | | |
| | MVL1 @ | 8,715' | | | |
| | | | 7-7/8" | 4-1/2", 11.6#, I-80 or equivalent LTC casing | Water/Fresh Water Mud 8.3-11.5 ppg |
| | | | | | Max anticipated Mud required 11.5 ppg |
| | TD @ | 9,360' | | | |



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

| | SIZE | INTERVAL | WT. | GR. | CPLG. | DESIGN FACTORS | | |
|------------|--------|-----------|-------|------|-------|-------------------|--------------|----------------|
| | | | | | | BURST | COLLAPSE | TENSION |
| CONDUCTOR | 14" | 0-40' | | | | 2270 | 1370 | 254000 |
| SURFACE | 9-5/8" | 0 to 2000 | 32.30 | H-40 | STC | 0.64***** 7780 | 1.46 6350 | 4.49 201000 |
| PRODUCTION | 4-1/2" | 0 to 9360 | 11.60 | I-80 | LTC | 2.20 | 1.13 | 2.12 |

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
(Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MASP 3538 psi
***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

| | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|---------------------|-----------------|-------------|--|---------|--------|--------|-------|
| SURFACE Option 1 | LEAD | 500 | Premium cmt + 2% CaCl + .25 pps flocele | 215 | 60% | 15.60 | 1.18 |
| | TOP OUT CMT (1) | 200 | 20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele | 50 | | 15.60 | 1.18 |
| | TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| SURFACE Option 2 | LEAD | 1500 | NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC | | | | |
| | TAIL | 500 | Premium cmt + 2% CaCl + .25 pps flocele | 180 | 35% | 15.60 | 1.18 |
| | TOP OUT CMT | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| PRODUCTION | LEAD | 3,860' | Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender | 420 | 60% | 11.00 | 3.38 |
| | TAIL | 5,500' | 50/50 Poz/G + 10% salt + 2% gel +.1% R-3 | 1540 | 60% | 14.30 | 1.31 |

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

| | |
|------------|---|
| SURFACE | Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe. |
| PRODUCTION | Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers. |

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

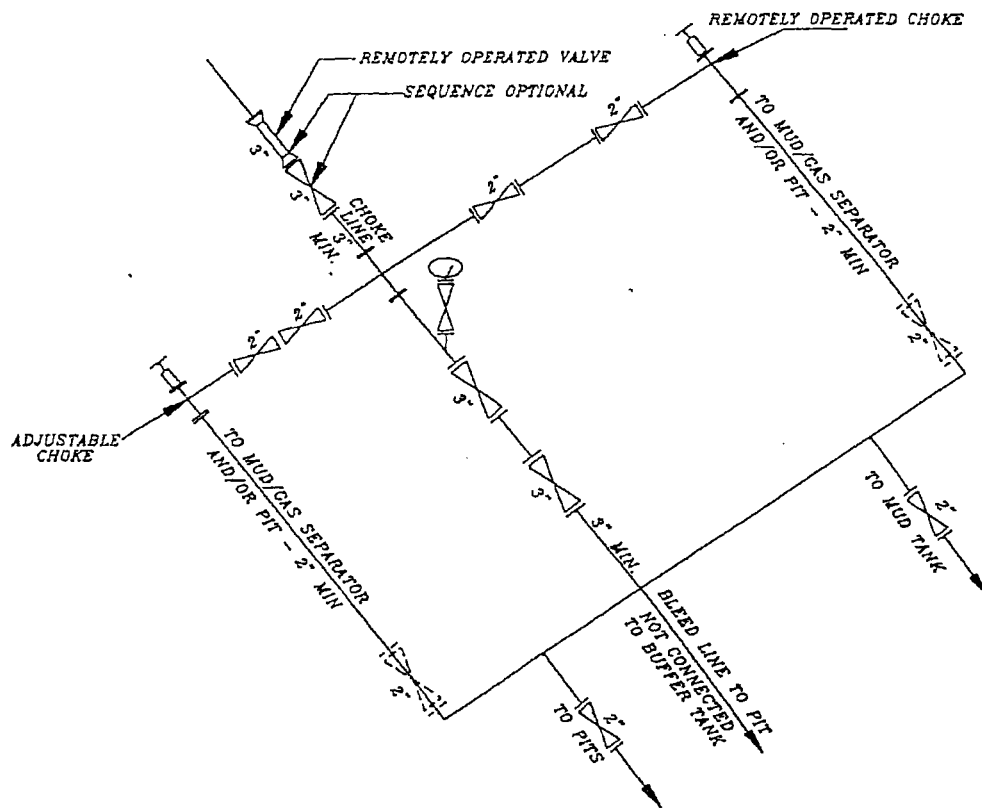
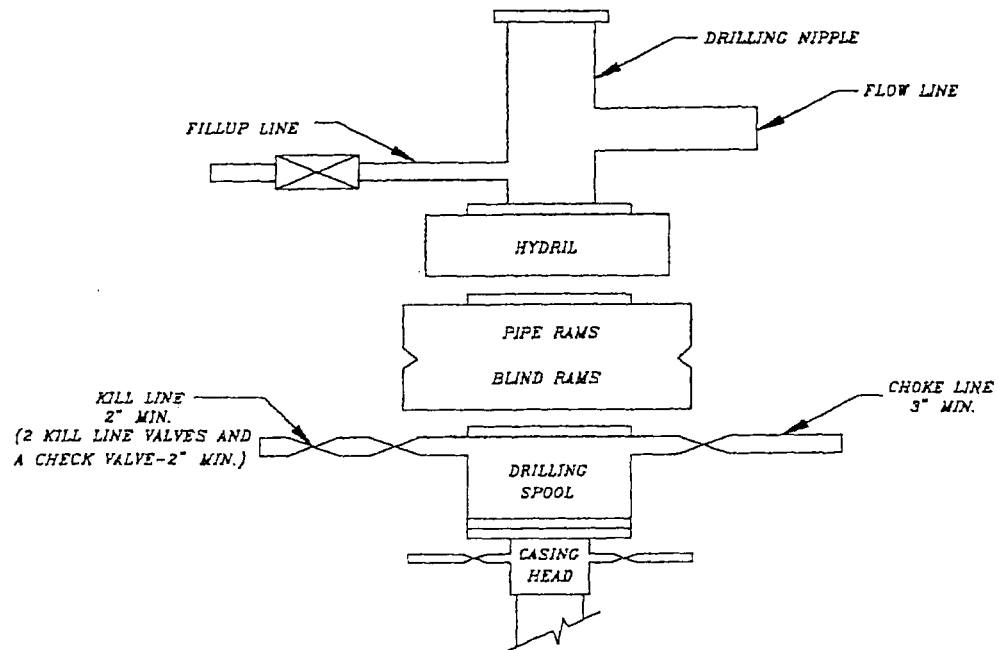
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

5M BOP STACK and CHOKE MANIFOLD SYSTEM



**NBU #1021-22A
NE/NE SEC 22, T10S, R21E
UINTAH COUNTY, UTAH
UTU-02278-A**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

A rights-of-way will be required approximately 0.3 +/- miles of access road is proposed. The access road will begin in Sec. 14, T10S, R21E (Lease #UTU-01393-C); travel into Sec. 23, T10S, R21E (Lease #UTU-02278-A); then into Sec. 22, T10S, R21E (Lease #UTU-02278-A) to the proposed location. Please refer to the attached Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 793' +/- of 4" steel pipeline is proposed pipeline. Please refer to the attached Please refer to Topo Map D

Approximately 293' +/- of 4" steel pipeline is proposed pipeline. Please refer to the attached Please refer to Topo Map D

Variances to Best Management Practices (BMPs) Requested:

The pipeline shall be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A 20 mil reserve pit liner with felt will be used. As discussed at the on-site inspection.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

| | |
|--------------------|--------|
| Winterfat | 4 lbs. |
| Galleta Grass | 6 lbs. |
| Fourwing Saltbrush | 8 lbs |

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. Other Information:**WILDLIFE STIPULATIONS:**

RED TAIL HAWK: No construction or drilling activities April 1st – July 15th.

A Class III Archaeological Survey Report, has been performed and will be submitted when report becomes available.

The paleontological survey has been performed and will be submitted when report becomes available.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying with the boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Ucphego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #WYB000291.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Sheila Upchego

8/15/2007

Date

Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

SECTION 22, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 5.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.2 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

LOCATED IN UTAH COUNTY, UTAH

SECTION 22, T10S, R21E, S.L.B.&M.

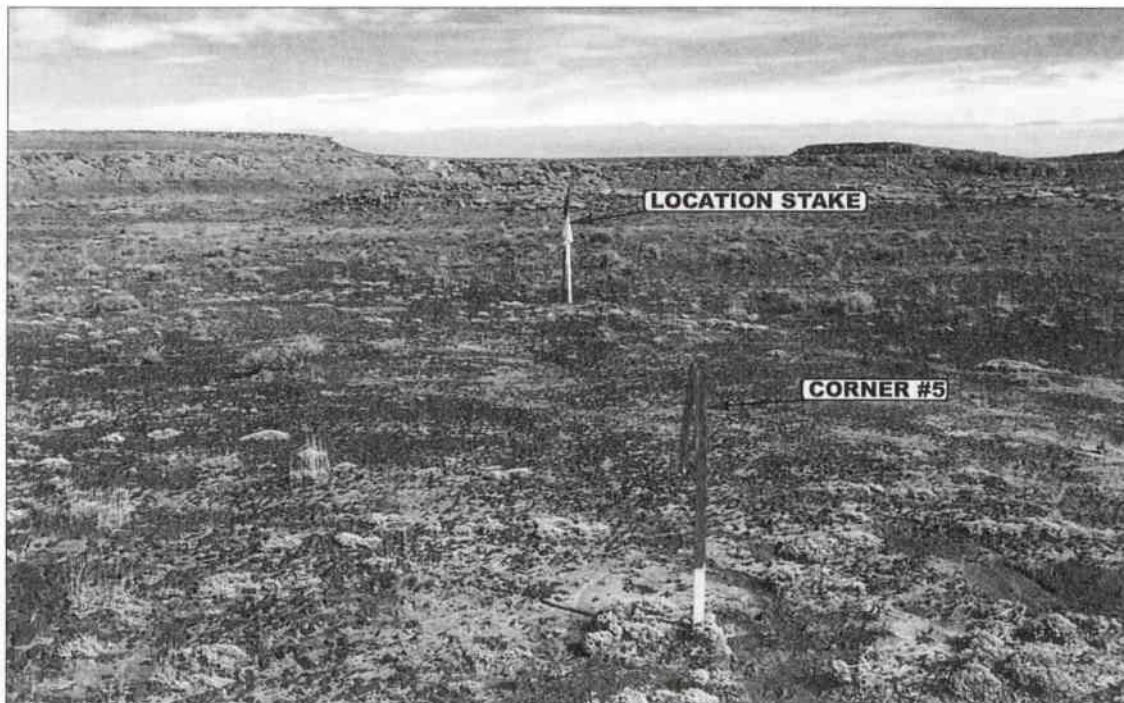


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

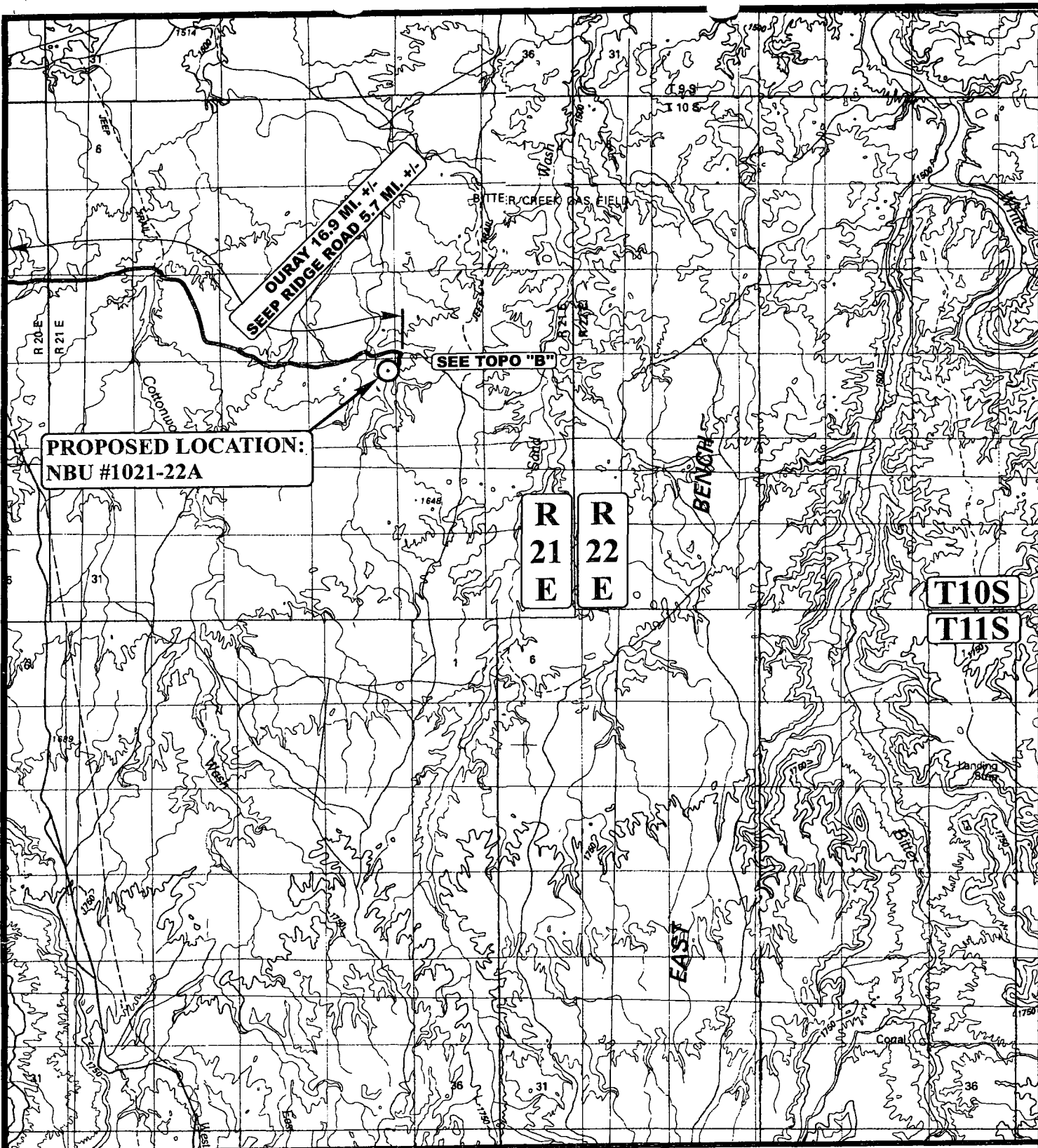
10 23 06
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION




Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

SECTION 22, T10S, R21E, S.L.B.&M.

668' FNL 469' FEL




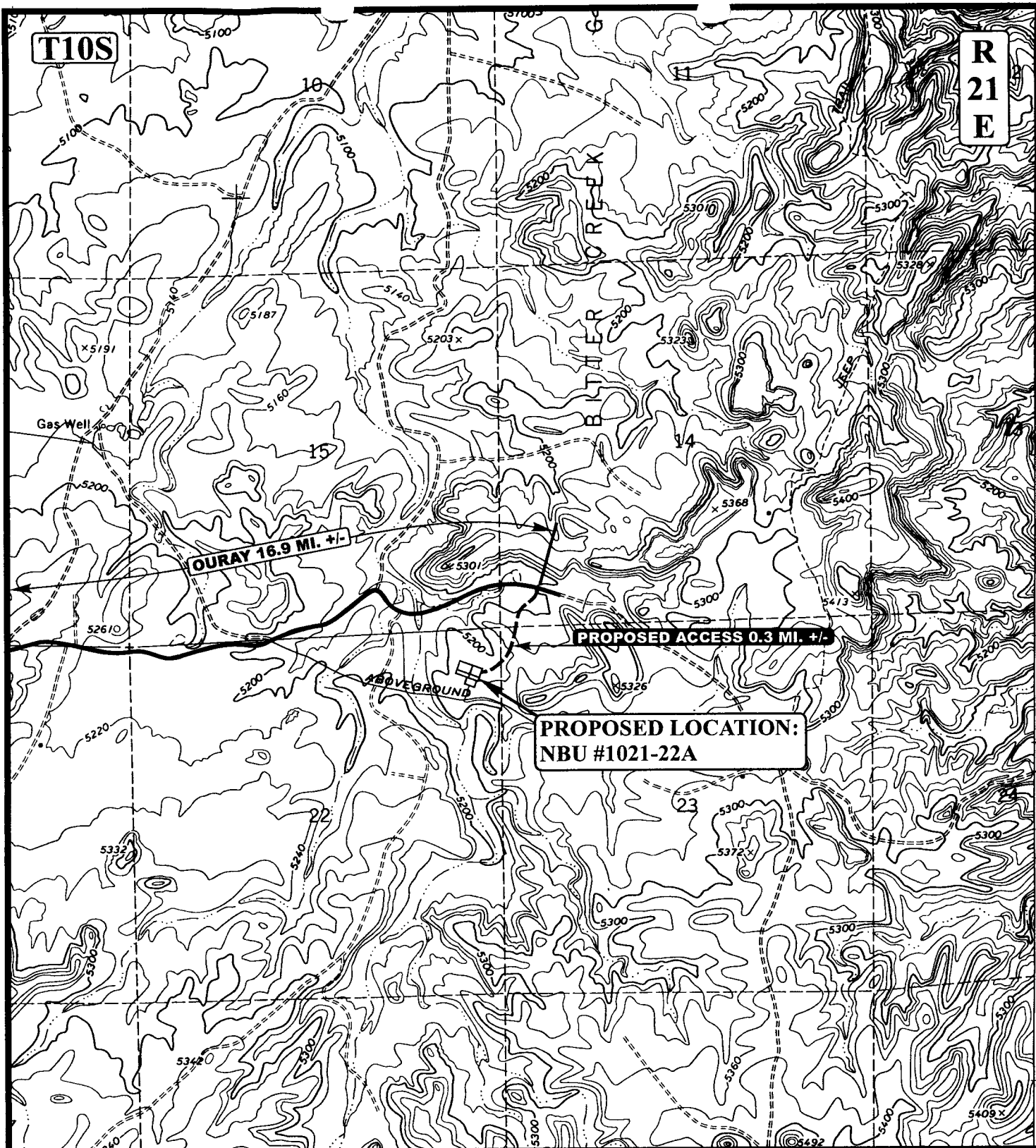
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 23 06
 MONTH DAY YEAR

SCALE: 1:100,000 **DRAWN BY: C.P.** **REVISED: 00-00-00**





LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

SECTION 22, T10S, R21E, S.L.B.&M.

668' FNL 469' FEL



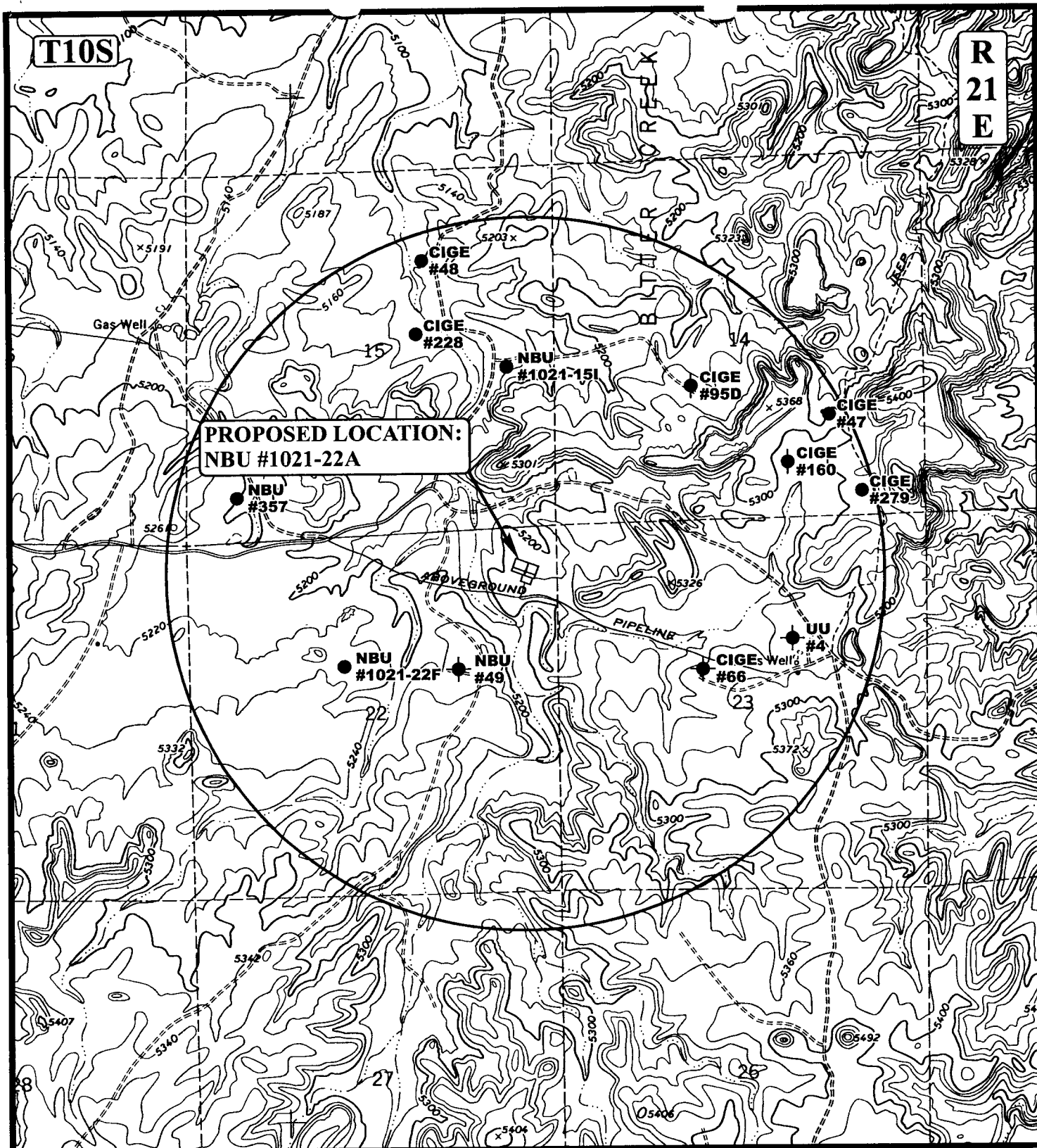
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

| | | |
|-------|-----|------|
| 10 | 23 | 06 |
| MONTH | DAY | YEAR |

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 04-16-07

B
TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

SECTION 22, T10S, R21E, S.L.B.&M.

668' FNL 469' FEL



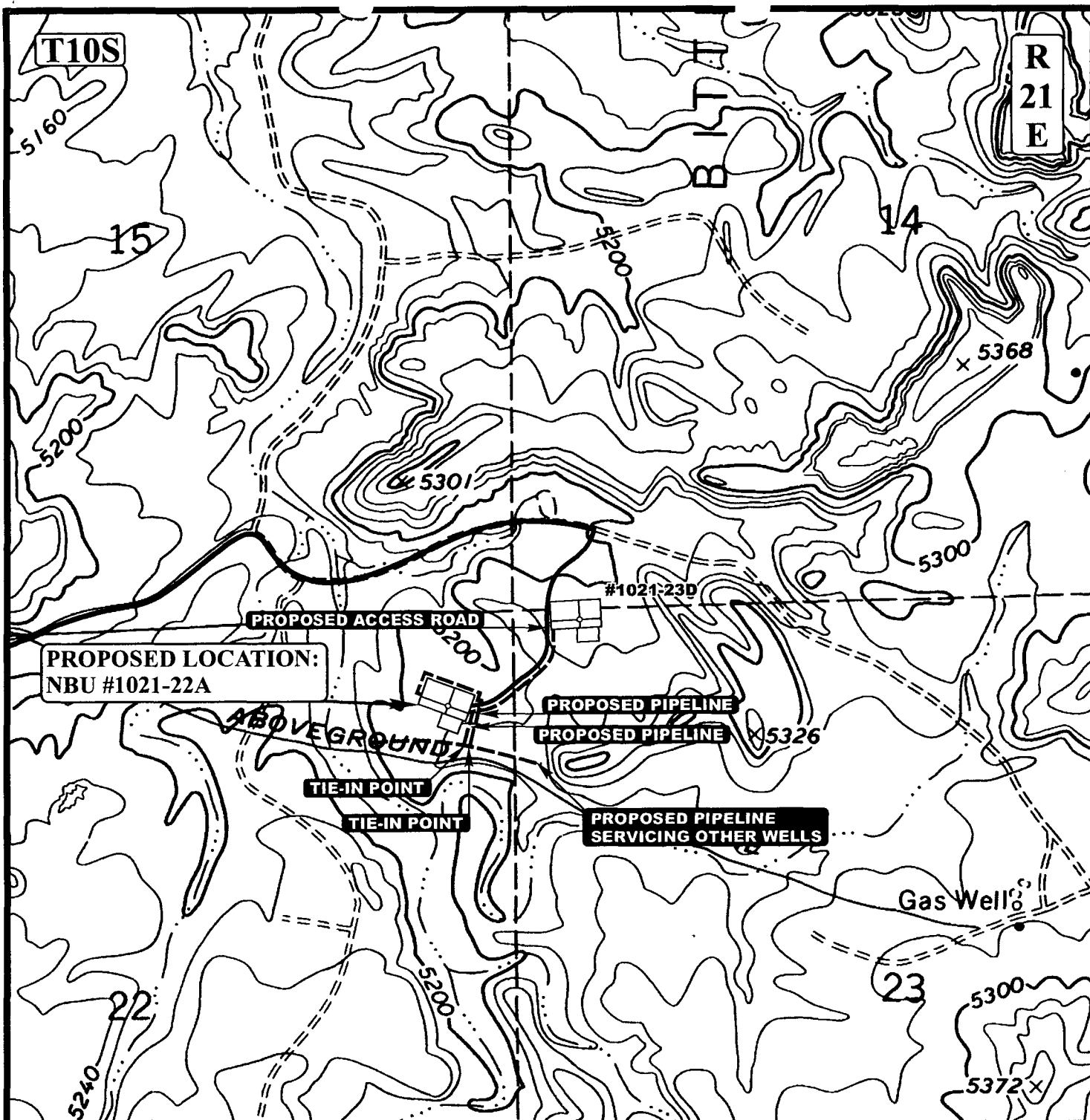
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 23 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 793' +/-

APPROXIMATE TOTAL PIPELINE DISTANCE = 293' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- PROPOSED PIPELINE
- PROPOSED PIPELINE
(SERVICING OTHER WELLS)



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

SECTION 22, T10S, R21E, S.L.B.&M.

668' FNL 469' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

10 23 06
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 07-07-07



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-22A

PIPELINE ALIGNMENT

LOCATED IN UTAH COUNTY, UTAH

SECTION 22, T10S, R21E, S.L.B.&M.

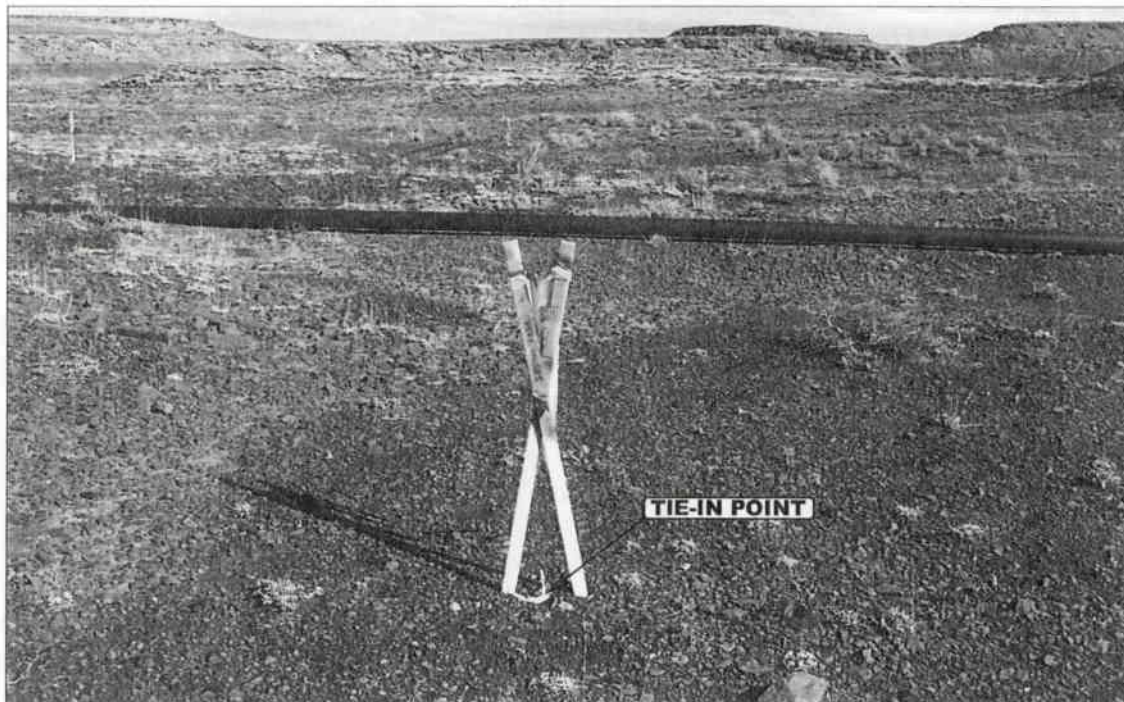


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

10 23 06
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

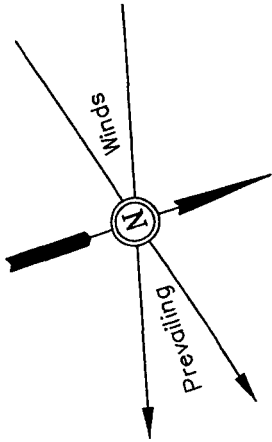
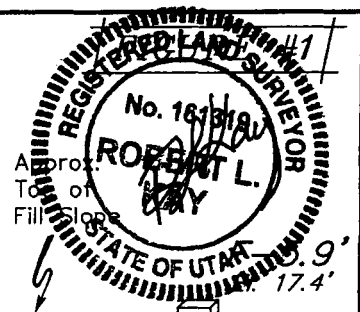
REVISED: 00-00-00

Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #1021-22A
SECTION 22, T10S, R21E, S.L.B.&M.
668' FNL 469' FEL

F-8.1'
El. 15.2'

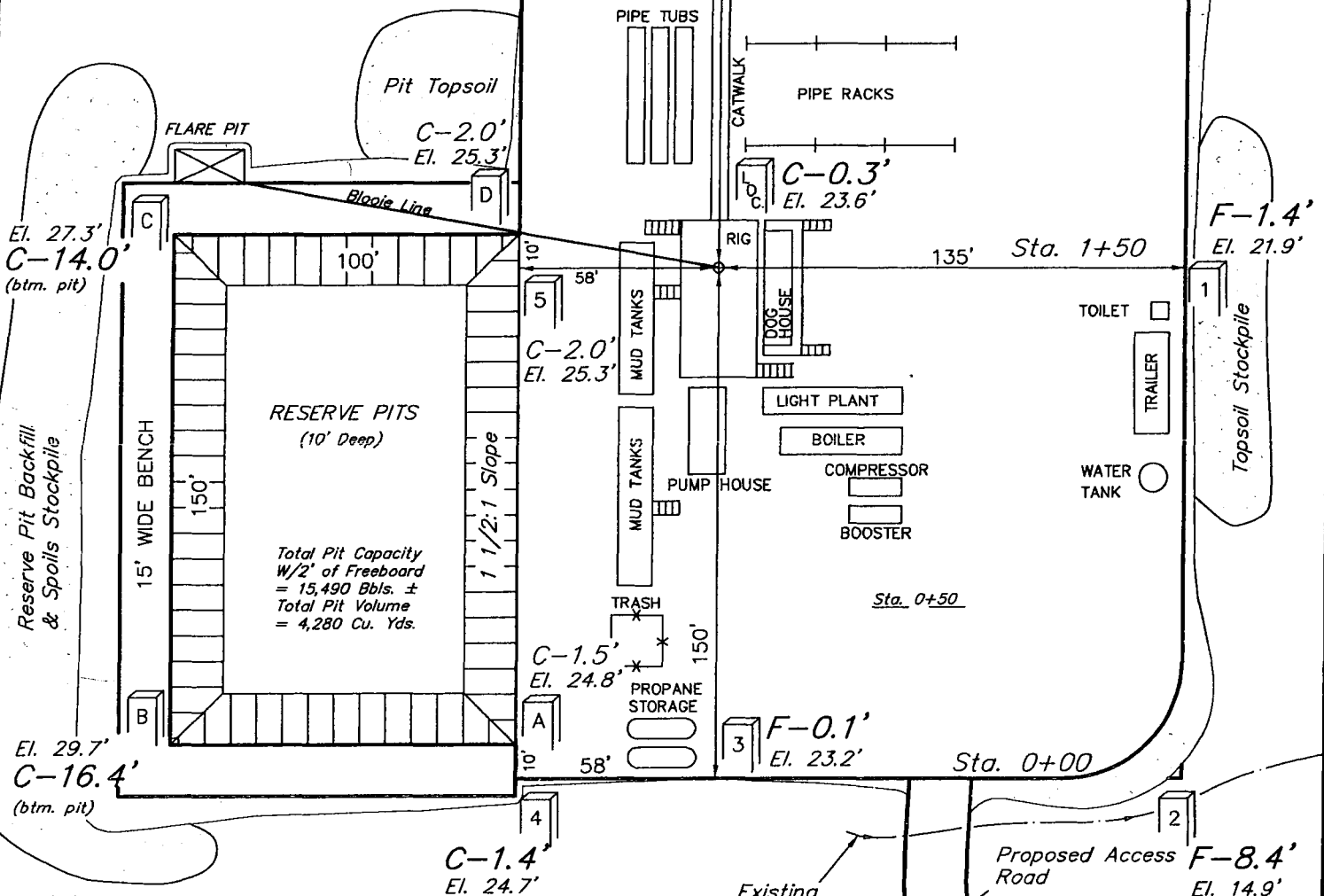


SCALE: 1" = 50'
DATE: 10-26-06
Drawn By: C.H.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Approx.
Top of
Cut Slope



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5223.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5223.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

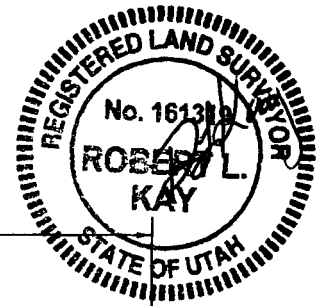
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1021-22A

SECTION 22, T10S, R21E, S.L.B.&M.

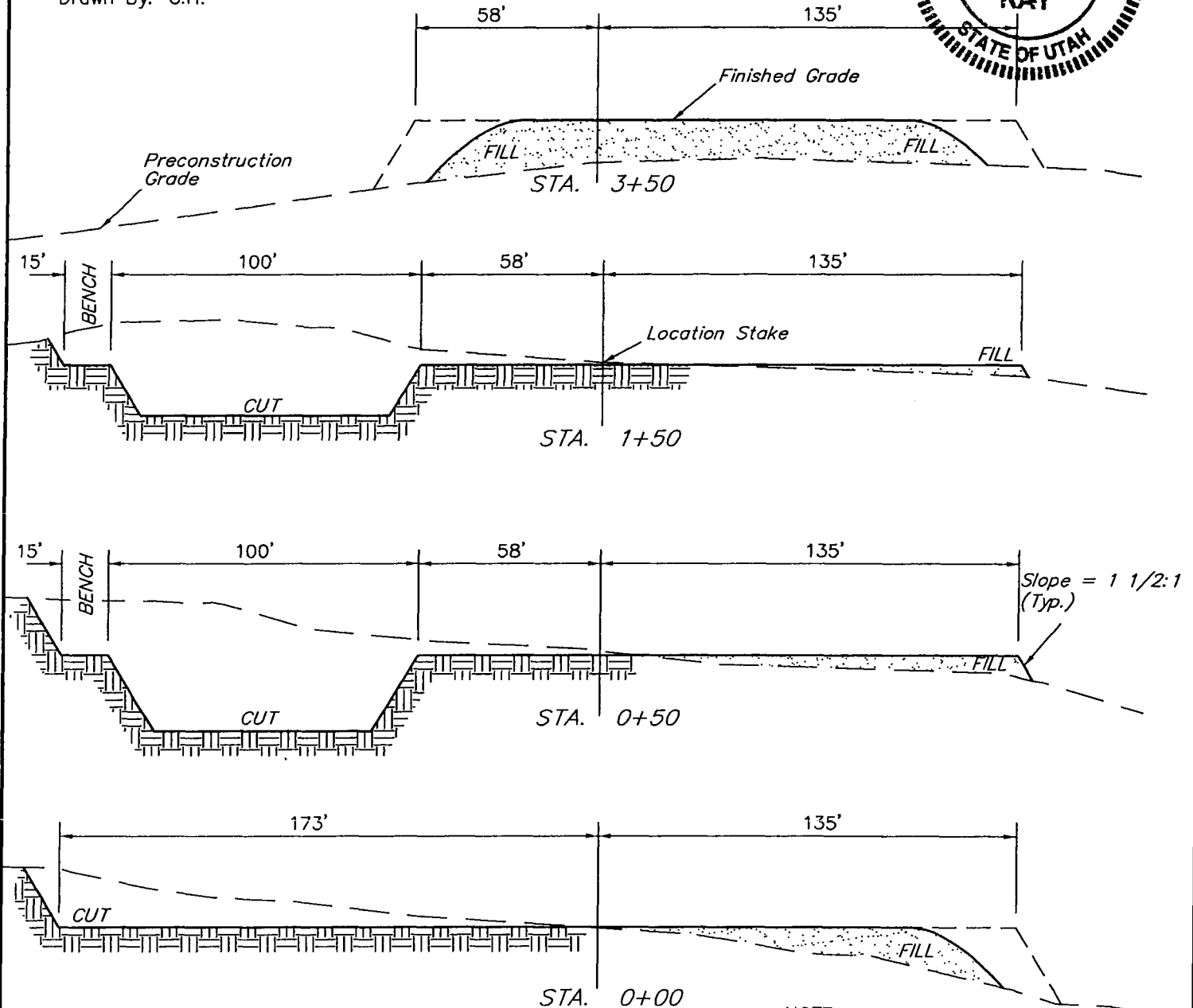
668' FNL 469' FEL



1" = 20'
X-Section
Scale
1" = 50'

DATE: 10-26-06

Drawn By: C.H.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

| | |
|------------------------|-------------------------|
| CUT | |
| (6") Topsoil Stripping | = 1,840 Cu. Yds. |
| Remaining Location | = 8,480 Cu. Yds. |
| TOTAL CUT | = 10,320 CU.YDS. |
| FILL | = 5,990 CU.YDS. |

NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

| | |
|--|------------------|
| EXCESS MATERIAL | = 4,330 Cu. Yds. |
| Topsoil & Pit Backfill (1/2 Pit Vol.) | = 3,980 Cu. Yds. |
| EXCESS UNBALANCE (After Interim Rehabilitation) | = 350 Cu. Yds. |

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WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/2007

API NO. ASSIGNED: 43-047-39550

WELL NAME: NBU 1021-22A

OPERATOR: Larry McNew Ofg (N 2495)

PHONE NUMBER: 435-781-7024

CONTACT: SHEILA UPCHEGO

PROPOSED LOCATION:

NENE 22 100S 210E

SURFACE: 0668 FNL 0469 FEL

BOTTOM: 0668 FNL 0469 FEL

COUNTY: Uintah

LATITUDE: 39.93895 LONGITUDE: -109.5292

UTM SURF EASTINGS: 625662 NORTHINGS: 4421807

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

| Tech Review | Initials | Date |
|-------------|----------|------|
| Engineering | | |
| Geology | | |
| Surface | | |

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-02278-A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000291)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.
Unit: NATURAL BUTTES
 R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460' fr u lary, F UNCOMMON Tract
 R649-3-11. Directional Drill

COMMENTS:

See, Separate File

STIPULATIONS:

1- Federal Approval
2- OIL SHALE

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 29, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

| API # | WELL NAME | LOCATION |
|-------|-----------|----------|
|-------|-----------|----------|

(Proposed PZ Wasatch/MesaVerde)

| | | |
|--------------|---------------|------------------------------------|
| 43-047-39540 | NBU 922-30L-T | Sec 30 T09S R22E 2106 FSL 0817 FWL |
| 43-047-39542 | NBU 1021-14B | Sec 14 T10S R21E 0439 FNL 2355 FEL |
| 43-047-39543 | NBU 1021-14F | Sec 14 T10S R21E 2404 FNL 2387 FWL |
| 43-047-39544 | NBU 1021-150 | Sec 15 T10S R21E 1127 FSL 2304 FEL |
| 43-047-39545 | NBU 1021-15K | Sec 15 T10S R21E 2277 FSL 2041 FWL |
| 43-047-39546 | NBU 1021-15L | Sec 15 T10S R21E 2188 FSL 0783 FWL |
| 43-047-39547 | NBU 1021-15F | Sec 15 T10S R21E 2164 FNL 1915 FWL |
| 43-047-39548 | NBU 1021-15J | Sec 15 T10S R21E 2361 FSL 2372 FEL |
| 43-047-39563 | NBU 1021-15P | Sec 15 T10S R21E 1214 FSL 1262 FEL |
| 43-047-39564 | NBU 1021-22C | Sec 22 T10S R21E 0902 FNL 2194 FWL |
| 43-047-39549 | NBU 1021-22K | Sec 22 T10S R21E 2088 FSL 2006 FWL |
| 43-047-39550 | NBU 1021-22A | Sec 22 T10S R21E 0668 FNL 0469 FEL |
| 43-047-39551 | NBU 1021-22L | Sec 22 T10S R21E 2114 FSL 0725 FWL |
| 43-047-39565 | NBU 1021-22D | Sec 22 T10S R21E 0769 FNL 0641 FWL |
| 43-047-39566 | NBU 1021-22E | Sec 22 T10S R21E 2000 FNL 0860 FWL |
| 43-047-39567 | NBU 1021-23E | Sec 23 T10S R21E 2201 FNL 0846 FWL |
| 43-047-39569 | NBU 1021-23B | Sec 23 T10S R21E 0175 FNL 2391 FEL |
| 43-047-39557 | NBU 1021-23K | Sec 23 T10S R21E 2021 FSL 2152 FWL |
| 43-047-39558 | NBU 1021-23N | Sec 23 T10S R21E 0699 FSL 2196 FWL |
| 43-047-39559 | NBU 1021-23D | Sec 23 T10S R21E 0065 FNL 0460 FWL |
| 43-047-39560 | NBU 1021-23L | Sec 23 T10S R21E 2126 FSL 1227 FWL |

| | | | | | | | | | | |
|--------------|-----|----------|-----|----|------|------|------|-----|------|-----|
| 43-047-39570 | NBU | 1021-23C | Sec | 23 | T10S | R21E | 0567 | FSL | 2203 | FWL |
| 43-047-39572 | NBU | 1021-23J | Sec | 23 | T10S | R21E | 1906 | FSL | 2167 | FEL |
| 43-047-39574 | NBU | 1021-23M | Sec | 23 | T10S | R21E | 0233 | FSL | 0552 | FWL |
| 43-047-39575 | NBU | 1021-25J | Sec | 25 | T10S | R21E | 1621 | FSL | 1890 | FEL |
| 43-047-39561 | NBU | 1021-25K | Sec | 25 | T10S | R21E | 1848 | FSL | 2394 | FWL |
| 43-047-39579 | NBU | 1021-26E | Sec | 26 | T10S | R21E | 1706 | FNL | 0992 | FWL |
| 43-047-39580 | NBU | 1021-26D | Sec | 26 | T10S | R21E | 0695 | FNL | 0614 | FWL |
| 43-047-39578 | NBU | 1021-25F | Sec | 25 | T10S | R21E | 2477 | FNL | 2323 | FWL |
| 43-047-39541 | NBU | 1021-3I | Sec | 03 | T10S | R21E | 1371 | FSL | 1121 | FEL |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-29-07



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

August 29, 2007

Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Ut 84078

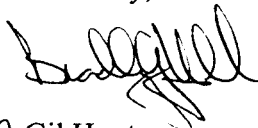
Re: NBU 1021-22A Well, 668' FNL, 469' FEL, NE NE, Sec. 22, T. 10 South, R. 21 East,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39550.

Sincerely,


for Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: Kerr-McGee Oil & Gas Onshore LP
Well Name & Number NBU 1021-22A
API Number: 43-047-39550
Lease: UTU-02278-A

Location: NE NE **Sec.** 22 **T.** 10 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02278A |
| 2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE CO ZIP 80217-3779 | | 7. UNIT or CA AGREEMENT NAME: 891008900A |
| PHONE NUMBER: (720) 929-6226 | | 8. WELL NAME and NUMBER: NBU 1021-22A |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 668' FNL & 469' FEL COUNTY: Uintah | | 9. API NUMBER: 4304739550 |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 22 10S 21E STATE: UTAH | | 10. FIELD AND POOL, OR WILDCAT: Natural Buttes Field |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: <u>APD Extension</u> |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, LP, respectfully requests a one year extension of this APD in order to complete drilling operations. Utah Division of Oil, Gas, and Mining initially approved this APD on August 29, 2007.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-12-08
By: [Signature]

COPY SENT TO OPERATOR

Date: 8.14.2008
Initials: KS

NAME (PLEASE PRINT) Kevin McIntyre TITLE Regulatory Analyst I
SIGNATURE [Signature] DATE 8/11/2008

(This space for State use only)

RECEIVED
AUG 12 2008
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304739550
Well Name: NBU 1021-22A
Location: NENE 668' FNL & 469' FEL, Sec. 22, T10S R21E
Company Permit Issued to: Kerr-McGee Oil & Gas Onshore, LP
Date Original Permit Issued: 8/29/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐



Signature

8/11/2008

Date

Title: Regulatory Analyst I

Representing: Kerr-McGee Oil & Gas Onshore, LP

RECEIVED
AUG 12 2008

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 24, 2009

Raleen White
Anadarko Petroleum Corp.
PO Box 173779
Denver, CO 80217-3779

43 047 39550
NBH 1021-22A
10S 21E 22

Re: APDs Rescinded at the request of Anadarko Petroleum Corp.

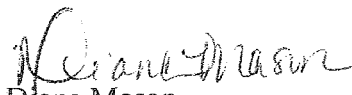
Dear Ms. White:

Enclosed find the list of APDs that you requested to be rescinded to Anadarko Petroleum Corp. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective February 20, 2009.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal
SITLA, Ed Bonner

| | | | | | |
|----------------|-------------------------|-----|-----|----|------|
| 43047395730000 | FEDERAL 1021-23P | 10S | 21E | 23 | SESE |
| 43047395770000 | FEDERAL 1021-25I | 10S | 21E | 25 | NESE |
| 43047395760000 | FEDERAL 1021-25M | 10S | 21E | 25 | SWSW |
| 43047397930000 | Federal 1021-25N | 10S | 21E | 25 | SESW |
| 43047395810000 | FEDERAL 1021-34K | 10S | 21E | 34 | NESW |
| 43047395520000 | FEDERAL 1021-34M | 10S | 21E | 34 | SWSW |
| 43047395560000 | FEDERAL 1021-34P | 10S | 21E | 34 | SESE |
| 43047389890000 | FEDERAL 1021-35F | 10S | 21E | 35 | SENW |
| 43047389760000 | FEDERAL 1021-35G | 10S | 21E | 35 | SWNE |
| 43047389380000 | FEDERAL 1021-35H | 10S | 21E | 35 | SENE |
| 43047389350000 | FEDERAL 1021-35I | 10S | 21E | 35 | NESE |
| 43047389330000 | FEDERAL 1021-35P | 10S | 21E | 35 | SESE |
| 43047389370000 | FEDERAL 1021-35A | 10S | 21E | 35 | NENE |
| 43047365050000 | LOVE 1121-2B | 11S | 21E | 02 | NWNE |
| 43047394050000 | LOVE UNIT 1121-10NT | 11S | 21E | 10 | SESW |
| 43047393910000 | LOVE UNIT 1121-3NT | 11S | 21E | 03 | SWSW |
| 43047388240000 | LOVE UNIT 1122-18C | 11S | 22E | 18 | NENW |
| 43047388250000 | LOVE UNIT 1122-18J | 11S | 22E | 18 | NWSE |
| 43047388260000 | LOVE UNIT 1122-18K | 11S | 22E | 18 | NESW |
| 43047396050000 | LOVE UNIT 1122-18L | 11S | 22E | 18 | NWSW |
| 43047396030000 | LOVE UNIT 1122-19C | 11S | 22E | 19 | NENW |
| 43047386310000 | MULLIGAN 823-23H | 08S | 23E | 23 | SENE |
| 43047387130000 | MULLIGAN 823-24O | 08S | 23E | 24 | SWSE |
| 43047393730000 | NBU 1020-1KT | 10S | 20E | 01 | NESW |
| 43047393740000 | NBU 1020-24BT | 10S | 20E | 24 | NWNE |
| 43047393760000 | NBU 1021-11I | 10S | 21E | 11 | NESE |
| 43047393800000 | NBU 1021-11M | 10S | 21E | 11 | SWSW |
| 43047393790000 | NBU 1021-11P | 10S | 21E | 11 | SESE |
| 4304739383 | NBU 1021-12A | 10S | 21E | 12 | NENE |
| 43047393860000 | NBU 1021-12L - STATE | 10S | 21E | 12 | NWSW |
| 43047393840000 | NBU 1021-12N | 10S | 21E | 12 | SESW |
| 43047395470000 | NBU 1021-15F | 10S | 21E | 15 | SENW |
| 43047395460000 | NBU 1021-15L | 10S | 21E | 15 | NWSW |
| 43047395630000 | NBU 1021-15P | 10S | 21E | 15 | SESE |
| 43047395260000 | NBU 1021-20G STATE/FED | 10S | 21E | 20 | SWNE |
| 43047395340000 | NBU 1021-20J STATE/FED | 10S | 21E | 20 | NWSE |
| 43047395330000 | NBU 1021-20K STATE/FED | 10S | 21E | 20 | NESW |
| 43047395320000 | NBU 1021-20L STATE/FED | 10S | 21E | 20 | NWSW |
| 43047395310000 | NBU 1021-20O STATE/FED | 10S | 21E | 20 | SWSE |
| 43047375280000 | NBU 1021-21C (FKA C275) | 10S | 21E | 21 | NENW |
| 43047367020000 | NBU 1021-21H | 10S | 21E | 21 | SENE |
| 43047395500000 | NBU 1021-22A | 10S | 21E | 22 | NENE |
| 43047394030000 | NBU 1021-23FT | 10S | 22E | 23 | SENW |
| 43047395600000 | NBU 1021-23L | 10S | 21E | 23 | NWSW |
| 43047395780000 | NBU 1021-25F | 10S | 21E | 25 | SENW |
| 43047395750000 | NBU 1021-25J | 10S | 21E | 25 | NWSE |
| 43047395610000 | NBU 1021-25K | 10S | 21E | 25 | NESW |

| | | | | | |
|----------------|------------------|-----|-----|----|------------|
| 43047395800000 | NBU 1021-26D | 10S | 21E | 26 | NWNW |
| 43047395790000 | NBU 1021-26E | 10S | 21E | 26 | SWNW |
| 43047379680000 | NBU 1021-6C | 10S | 21E | 06 | NENW LOT 3 |
| 43047379670000 | NBU 1021-6D | 10S | 21E | 06 | NWNW LOT 4 |
| 43047379410000 | NBU 1021-7B | 10S | 21E | 07 | NWNE |
| 43047401850000 | NBU 921-31BT | 09S | 21E | 31 | NWNE |
| 43047363950000 | NBU 921-33K | 09S | 21E | 33 | NESW |
| 4304740038 | HATCH 923-13A | 09S | 23E | 13 | NENE |
| 4304740060 | HATCH 923-13ED | 09S | 23E | 13 | SWNW |
| 4304740059 | HATCH 923-13O | 09S | 23E | 13 | SWSE |
| 4304740061 | HATCH 923-14M | 09S | 23E | 14 | SWSW |
| 4304740143 | HATCH 923-14O | 09S | 23E | 14 | SWSE |
| 4304740064 | HATCH 923-15B | 09S | 23E | 15 | NWNE |
| 4304740062 | HATCH 923-15L | 09S | 23E | 15 | NWSW |
| 4304740063 | HATCH 923-15P | 09S | 23E | 15 | SESE |
| 4304740065 | HATCH 923-24O | 09S | 23E | 24 | SWSE |
| 4304740069 | HATCH 923-25A | 09S | 23E | 25 | NENE |
| 4304740068 | HATCH 923-25I | 09S | 23E | 25 | NESE |
| 4304740070 | HATCH 923-25O | 09S | 23E | 25 | SWSE |
| 43047388010000 | FEDERAL 1022-15H | 10S | 22E | 15 | SENE |
| 4304739388 | FEDERAL 1022-15K | 10S | 22E | 15 | NESW |
| 43047389240000 | FEDERAL 1022-15L | 10S | 22E | 15 | NWSW |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal/html>



IN REPLY REFER TO:

3160

LLUTG01100

March 2, 2009

Raleen White
Kerr McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779

43-047-3 9550

Re: Return Unapproved APD
Well No. NBU 1021-22A
NENE, Sec. 22, T10S, R21E
Uintah County, Utah
Lease No. UTU-02278-A
Natural Buttes Unit

Dear Ms. White:

The Application for Permit to Drill (APD) for the above referenced well received August 16, 2007, is being returned unapproved per your request to this office in an email message on February 20, 2009. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding this matter, please contact me at (435) 781-4455.

Sincerely,

Cindy Severson

Cindy Severson
Land Law Examiner

Enclosures

cc: UDOGM

RECEIVED

MAR 10 2009

DIV. OF OIL, GAS & MINING